

### **AMENDMENTS TO THE SPECIFICATION**

On page 1, immediately after the title, please add a new section for the Cross-Reference to Related Applications and a new section heading for the Background as follows:

#### **CROSS-REFERENCE TO RELATED APPLICATIONS**

This is a U.S. National Stage application of PCT/GB2003/004429 filed 13 October 2003, the entirety of which is incorporated herein by reference. This application also claims the benefit of British Patent Application No. 0223635.4 filed 11 October 2002.

#### **BACKGROUND**

At page 3, before line 1, please insert a heading for the Summary and amend the paragraphs at page 3, lines 1 - 19 as follows:

#### **SUMMARY**

~~It is an object of~~ One aspect of the present invention ~~to~~ can mitigate some or all of the above disadvantages.

~~It is a particular object~~ Another aspect of several embodiments of the present invention is to provide a measuring instrument and method for accurate measurement of the conduction I-V characteristics that a device-under-test will possess at high (RF or microwave) operating frequencies to obtain a more realistic indication of I-V characteristics under real operating conditions.

~~It is a particular object~~ An additional aspect of several embodiments of the present invention is to provide, for transistor devices of all types and also semiconductor LEDs and lasers and other semiconductor devices, an instrument which can accurately measure the current-voltage conduction (I-V) characteristics of the

device-under-test at a high-enough rate to inhibit dispersive processes from operating, yet at low-enough rate to ensure that the measurements are free from reactive current flow components. The results of such measurements are referred to herein as the "dynamic I-V conduction characteristics of the device-under-test". A secondary objective aspect of several embodiments is to measure the dc or "static" slow-sweep I-V characteristics as commonly made by many other instruments.

Please insert the following heading as a separate line before the paragraph at page 11, lines 24 and 25:

#### BRIEF DESCRIPTION OF THE DRAWINGS

Please insert the following heading as a separate line before the paragraph at page 12, lines 19 and 20:

#### DETAILED DESCRIPTION